STATISTICS (SPORTS ANALYTICS), B.S.

Requirements for a Major in Statistics (Sports Analytics)

Code	Title	Hours
Thirty-one semester hours including the following:		
Required Courses		
STA 2300	Introduction to Data Science	3
STA 2450	Introduction to Computing for the Mathematical and Statistical Sciences	4
STA 3310	Sports Analytics I	3
STA 3375	Technologies for Sports Analytics	3
STA 3381	Probability and Statistics	3
STA 3386	Regression Analysis	3
STA 4373	Computational Methods in Statistics	3
STA 43C8	Capstone in Sports Analytics	3
Six semester hours of 3000-4000 level STA courses [1]		6
Additional Requirements		
A grade of "C" or better in courses used for the major.		
Subtotal		**31**
Required Courses in Other Fields		
MTH 1321	Calculus I	3
MTH 1322	Calculus II	3
MTH 2311	Linear Algebra	3
MTH 2321	Calculus III	3
Eight semester hours of science courses (with no more than 4 hours from GEO) with appropriate labs selected from the following: [2]		8
Science Electives for Statistics Majors (https://catalog.baylor.edu/undergraduate/college-arts-sciences/academic-departments/statistical-science/statistics-bs/#STA-SciEle)		
Total Hours		**51**

[1] STA 4V90 Special Topics in Statistics may be taken for a maximum of 6 hours.

[2] Each course must apply to a major in its department.